Assessment Requirements for ICTSUS805 Manage improvements in ICT sustainability

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

Performance Evidence

Evidence of the ability to:

- analyse patterns of information and communications technology (ICT) use
- develop policy that complies with regulatory requirements
- develop a workable implementation strategy
- formulate solutions to reduce ICT based emissions
- develop measurable criteria for reviewing improvement.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- discuss energy efficiency and alternative energy sources
- assess the risks, hazards and controls associated with sustainable improvements in ICT
- outline industry standards
- explain the following aspects of IT:
    - hardware
    - interfacing
    - networking
    - software
- describe the legislative framework underpinning sustainability
- explain policy development processes and practices
- summarise principles, practices and available tools and techniques of sustainability management in the ICT industry
- outline relevant International Organization for Standardization (ISO) standards

- discuss sustainability from a local, national and international perspective
- summarise sustainability including ecological, economic and social issues.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the telecommunications – sustainability field of work and include access to:

- relevant government and scientific reports
- conference papers
- vendor white papers
- resources, tools and networking equipment
- suitable hardware and software
- suitable bandwidth for internet connections
- relevant legislation and regulations
- manufacturers' technical specifications
- relevant ISO standards.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2